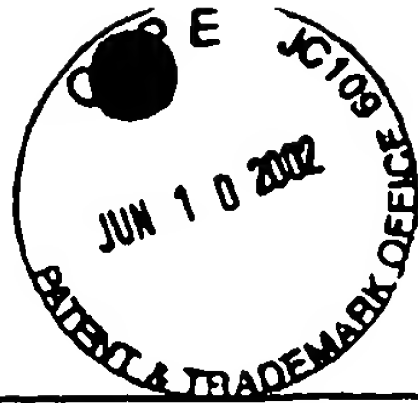


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Form PTO-1449 Modified		Docket No. ISPH-0614	Serial No. 09/992,738
List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Applicant Wu et al.	
		Filing Date November 14, 2001	Group 1646 <i>1652</i>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>CA</i>	AA	Bambara et al., "Enzymes and Reactions at the Eukaryotic DNA Replication Fork", J. Biol. Chem. 1997 272(8):4647-4650	
	AB	Blyn et al., "Poly (rC) binding protein 2 binds to stem-loop IV of the poliovirus RNA 5' noncoding region: Identification by automated liquid chromatography-tandem mass spectrometry", Proc. Natl. Acad. Sci. USA 1996 93:11115-11120	
	AC	Büsen et al., "Ribonuclease H Levels during the Response of Bovine Lymphocytes to Concanavalin A", Eur. J. Biochem. 1977 74:203-208	
	AD	Büsen et al., "Purification, Subunit Structure, and Serological Analysis of Calf Thymus Ribonuclease H I*", J. Biol. Chem. 1980 255(19): 9434-9443	
	AE	Cerritelli et al., "The non-RNase H domain of Saccharomyces cerevisiae RNase H1 binds double-stranded RNA: Magnesium modulates the switch between double-stranded RNA binding and RNase H activity", RNA 1995 1:246-259	
	AF	Cerritelli et al., "Cloning, Expression, and Mapping of Ribonucleases H of Human and Mouse Related to Bacterial RNase HI", Genomics 1998 53:300-307	
	AG	Crouch et al., "Ribonucleases H", Nucleases 1985 211-241	
	AH	Dabora et al., "Structure of the Acid State of <i>Escherichia coli</i> Ribonucleae HI", Biochemistry 1996 35:11951-11958	
<i>CA</i>	AI	Eder et al., "Ribonuclease H from K562 Human Erythroleukemia Cells", J. Biol. Chem. 1991 266(10): 6472-6479	
EXAMINER <i>C. Padden</i>		DATE CONSIDERED <i>10/4/03</i>	

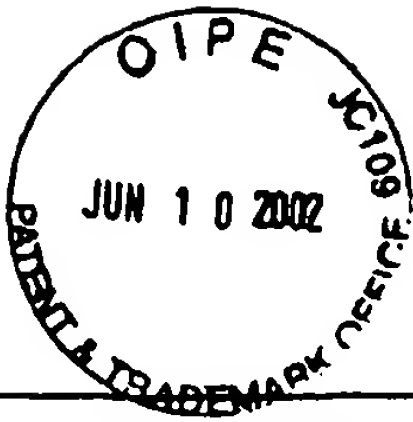


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		Filing Date November 14, 2001	Group 1646 1652
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CP	AJ	Eder et al., "Substrate specificity of human RNASE H1 and its role in excision repair of ribose residues misincorporated in DNA", Biochimie 1993 75:123-126	
	AK	Frank et al., "Cloning of the cDNA encoding the large subunit of human RNase HI, homologue of the prokaryotic RNase HII", Proc. Natl. Acad. Sci. USA 1998 95:12872-12877	
	AL	Frank et al., "Purification and characterization of human ribonuclease HII", Nucleic Acids Research 1994 22(24):5247-5254	
	AM	Hirata et al., "The Phosphorylation and DNA Binding of the DNA-binding Domain of the Orphan Nuclear Receptor NGFI-B", J. Biol. Chem. 1993 268(33):24808-24812	
	AN	Itaya et al., "Molecular cloning of a ribonuclease H (RNase HI) gene from an extreme thermophile Thermus thermophilus HB8: a thermostable RNase H can functionally replace the Escherichia coli enzyme in vivo", Nucleic Acids Research 1991 19(16):4443-4449	
	AO	Itaya et al., "Selective cloning of genes encoding RNase H from Salmonella typhimurium, Saccharomyces cerevisiae and Escherichia coli rnh mutant", Mol. Gen. Genet 1991 227:438-445	
	AP	Kanaya et al., "Importance of the Positive Charge Cluster in Escherichia coli Ribonuclease HI for the Effective Binding of the Substrate", J. Biol. Chem. 1991 266(18): 11621-11627	
	AQ	Kanaya et al., "Expression, Purification, and Characterization of a Recombinant Ribonuclease H from Thermus thermophilus HB8", J. Biol. Chem. 1992 267(14):10184-10192	
CP	AR	Katayanagi et al., "Crystal Structure of Escherichia coli RNase HI in Complex With Mg ²⁺ at 2.8Å Resolution: Proof for a Single Mg ²⁺ Binding Site", PROTEINS: Structure, Function and Genetics 1993 17:337-346	
EXAMINER CP Miller		DATE CONSIDERED 11/14/02	



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		Filing Date November 14, 2001	Group 1646-1652
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CP	AS	Katayanagi et al., "Three-dimensional structure of ribonuclease H from <i>E. coli</i> ", <i>Nature</i> 1990 347:306-309	
	AT	Landt et al., "A general method for rapid site-directed mutagenesis using the polymerase chain reaction", <i>Gene</i> 1990 96:125-128	
	AU	Lima et al., "Binding Affinity and Specificity of <i>Escherichia coli</i> RNASE H: Impact on the Kinetics of Catalysis of Antisense Oligonucleotide-RNA Hybrids", <i>Biochemistry</i> 1997 36:390-398	
	AV	Nakamura et al., "How does RNase H recognize a DNA-RNA hybrid?", <i>Proc. Natl. Acad. Sci. USA</i> 1991 88:11535-11539	
	AW	Rong et al., "On the Molecular Weight and Subunit Composition of Calf Thymus", <i>Biochemistry</i> 1990 29(2):383-389	
	AX	Sambrook J., Fritsch E.F. and Maniatis T. In <i>Molecular Cloning. A Laboratory Manual</i> , 2nd ed. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY 1990 18.47-18.59 and A.1-A.3	
	AY	Scaringe et al., "Novel RNA Synthesis Method Using 5'-O-Silyl-2'-O-orthoester Protecting Groups", <i>J. Am. Chem. Soc.</i> 1998 120:11820-11821	
CP	AZ	Stein et al., "Enzyme from Calf Thymus Degrading the RNA Moiety of DNA-RNA Hybrids: Effect on DNA-Dependent RNA Polymerase", <i>Science</i> 1969 166:393-395	
	BA	Turchi et al., "Enzymatic completion of mammalian lagging-strand DNA replication", <i>Proc. Natl. Acad. Sci. USA</i> 1994 91:9803-9807	
EXAMINER CPA/Ken		DATE CONSIDERED 11/4/03	



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U.S. Department of Commerce		Filing Date November 14, 2001	Group 1646-1652
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>CN</i>	BB	Wu et al., "Molecular Cloning and Expression of cDNA for Human RNase H", Antisense & Nucleic Acid Drug Development 1998 8:53-61	
<i>CN</i>	BC	Wu et al., "Properties of Cloned and Expressed Human RNASE H1", J. Biol. Chem. 1999 274(40):29280-28278	
<i>CN</i>	BD	Yang et al., "Structure of Ribonuclease H Phased at 2 Å Resolution by MAD Analysis of the Selenomethionyl Protein", Science 1990 249:1398-1405	
EXAMINER <i>C. J. Miller</i>		DATE CONSIDERED <i>11/4/02</i>	